

Title (en)
PROCESS FOR THE PREPARATION OF POLYURETHANE FOAMS

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Application
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DE 3724716 A 19870725

Abstract (en)
[origin: US4837244A] A method for the preparation of rigid polyurethane and/or polyisocyanurate foams is disclosed. The foams are prepared from a mixture comprising at least difunctional polyisocyanates, compounds with at least two hydrogen atoms that are capable of reacting with isocyanates, the equivalent weight of which per reactive hydrogen atom is about 50 to 900, catalysts, blowing agents and foam stabilizers, devoid of silicon atoms, as well as, optionally, conventional additives such as flame retardants and chain extenders. The foam stabilizer is a polyoxyalkylene ether of an alkylphenol-aldehyde condensation product, the alkyl group(s) of the alkylphenol having 1 to 22 carbon atoms, the aldehyde having 1 to 18 carbon atoms, the condensation product comprising on the average 4 to 18 alkylphenol groups, the oxyalkylene units having 2 to 4 carbon atoms and the content of oxyalkylene groups being 15 to 85% by weight, based on the total weight.

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Citation (search report)
• [A] DE 1694248 A1 19710603 - BAYER AG
• [A] US 4163830 A 19790807 - DAHM MANFRED [DE], et al
• [A] FR 2328740 A1 19770520 - NOBEL HOECHST CHIMIE [FR]
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• [A] CHEMICAL ABSTRACT

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EP1510543A3; AU696306B2; CN1077902C; EP0564259A3; TR28386A; WO9516721A1

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